IN THE SPECIFICATION:

Please amend the following paragraphs as shown:

Please replace the paragraph found at page 1, lines 16-20 of the present specification with the following amended replacement paragraph:

And the present invention relates to a ~~scalar~~ SCARA ("Selective Compliant Assembly Robot Arm" or "Selective Compliant Articulated Robot Arm") type robot, and to a simulation device which simulates a path of the moving robot itself and a moving sheet like object, when the robot transfers the sheet like object, and relates to the device which generates programs teaching a transferring operation to the robot.

Please replace the paragraph found at page 5, lines 20-22 of the present specification with the following amended replacement paragraph:

~~A~~ An eleventh embodiment of the robot simulation device is a robot simulation device wherein the robot is a SCARA ~~scalar~~ type robot and the object is a sheet like base plate.

Please replace the paragraph found at page 5, lines 23-26 of the present specification with the following amended replacement paragraph:

As a SCARA ~~scalar~~ robot is commonly used, of which an arm carries an object on a planar motion, the device has effects that the robot can be applied to, for example, transferring a semiconductor base plate (a wafer), a grass plate for a flat panel display and so forth.

Please replace the paragraph found at page 8, lines 15-21 of the present specification with the following amended replacement paragraph:

Concerning Fig. 3, further explanation is as follows.

At first, a working region 40-1 as a transferring room is defined in the simulation window 40 by X-Y coordinate axes. Next, a robot 40-3 is defined in the window. The robot is a 4-axe SCARA ~~scalar~~ robot. And three wafer cassettes 40-2 which house wafers, and two intermediate boxes 40-4 by which the wafer is transferred to a processing room, are defined as obstacles.